

LINEAR TRACK BASED DIGITAL  
TOMOSYNTHESIS SYSTEM AND METHOD

ABSTRACT OF THE DISCLOSURE

A digital tomosynthesis system acquires a plurality of projection radiographs of an object and reconstructs structures of the object based on the acquired projection radiographs. The digital tomosynthesis system includes an x-ray source and a detector. The x-ray source emits a beam of x-rays, and moves in a linear trajectory relative to the detector.